Photo Story

SCHOOL of ENGINEERING
of Milwaukee

Bulletin S

Bulletin of the School of Engineering of Milwaukee

These publications include:

Bulletin EE—"Courses in Electrical Engineering."
Commercial Electrical Engineering, 1 year.
Industrial Electrical Engineering, 2 years.
Electrical Engineering (B. S. Degree), 3 years.

Supplement to Bulletin EE.
"Commercial Electrical Engineering (for non-high school graduates), 1½ years."

Bulletin E—"Practical Electrical Education."
Six months Master Electrician Course.

Bulletin RA.
Radio Technician, 6 months.
Commercial Radio Engineering, 1 year.

Bulletin RE—"Electrical Refrigeration."

Bulletin S—"Photo Story."
Illustrated booklet showing scenes of the School of Engineering.

Catalog—"Practical Electricity"—Home Study Division.

Copies of the bulletins may be secured by addressing
School of Engineering
of Milwaukee
Milwaukee, Wis.

Photo Story

A book of pictures, or even an inspection visit of an educational institution, indicates only to a very small extent what the school represents. A competent, conscientious instructor may spend hours of effort in a class room, giving to his students the results of years of study in the technique of his profession, and in inspiring them with high ambitions. Yet to the casual visitor this is represented only by a class room.

A set of pictures can attempt to show only a small part of what the School of Engineering of Milwaukee is or has to offer. Twenty-nine years constructive building and presenting courses on the part of capable engineers and executives cannot be photographed. The high professional ability and character of its faculty members cannot be seen at a glance. The facts in this book are presented only to give an idea of some of the activities of the School of Engineering. Much must be left to the imagination.

Courses Offered by the School of Engineering of Milwaukee

For High School Graduates

Commercial Electrical Engineering	1 year.
Industrial Electrical Engineering	2 years.
Electrical Engineering (B. S. Degree)	3 years.

For Non-High School Graduates

Commercial Electrical Engineering	1½ years.

Vocational

Electric Wiring, Metering, and Testing	3 months.
Master Electrician	6 months.
Electric Refrigeration	3 months.
Radio	6 months.
Commercial Radio Engineering	1 year.
Mechanical Drafting	6 months.
Mechanical and Electrical Drafting	1 year.

Certain vocational courses are also arranged to meet the needs of individual students; for example:

For students familiar with the principles of Radio Reception:

Radio Transmission	3 months.
Speech Amplification and Talking Motion Picture Operation	3 months.

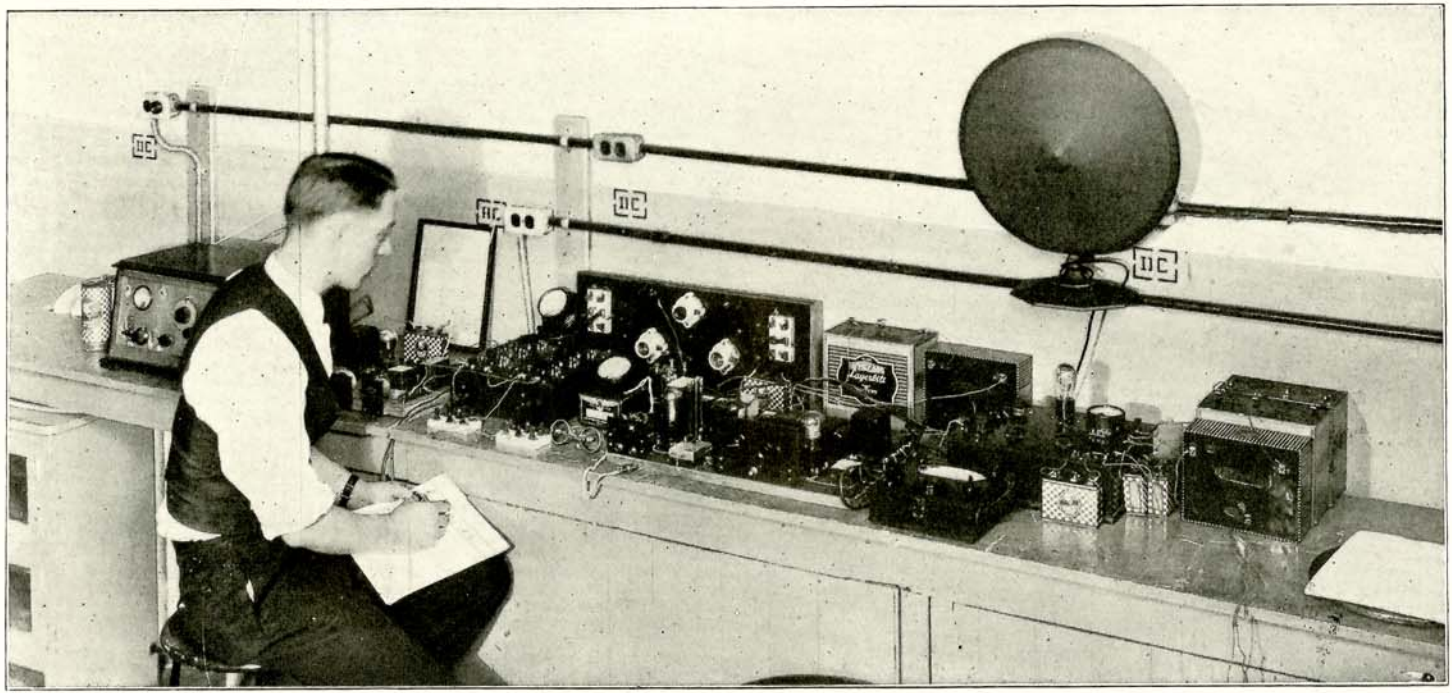
For students familiar with the principles of Electricity:

Armature Winding	3 months.

Extension Division

Home Study Course in Practical Electricity, 50 assignments with laboratory equipment.

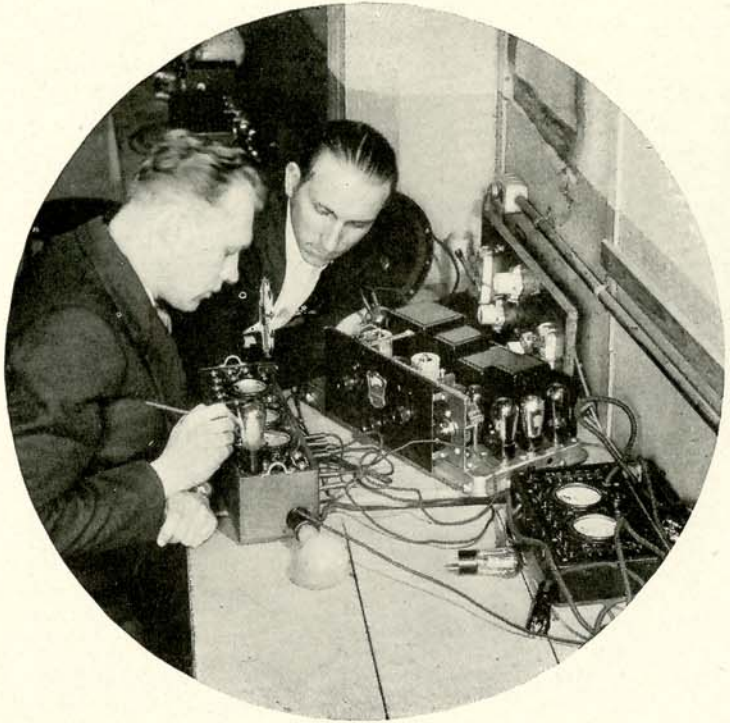
The School of Engineering building is conveniently located at the corner of East Wells and North Jackson Streets, facing Milwaukee's historic Court House Square.



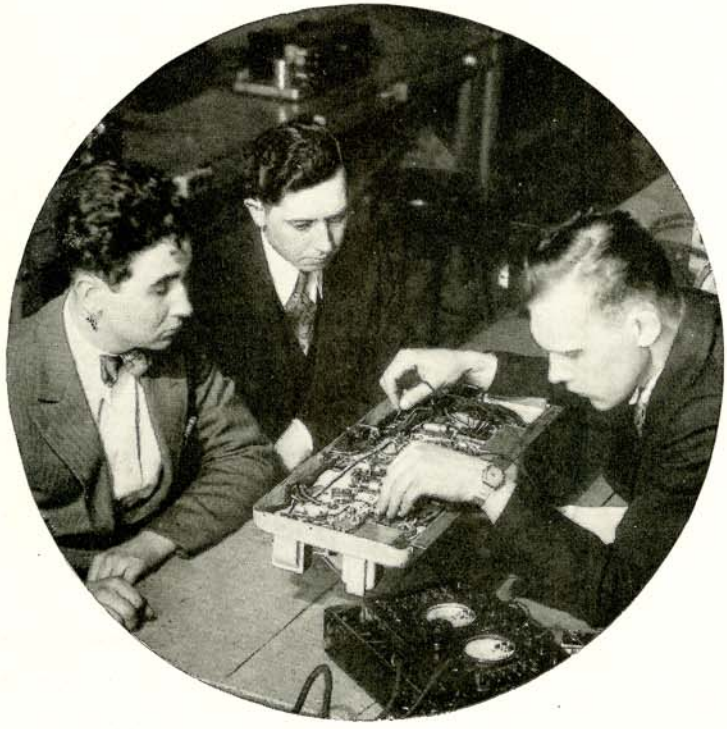
Studying the Underlying Principles of Radio Reception.

The School of Engineering has three Radio activities:

1. Teaching a six months and a one year course in Radio.
2. Owns and operates broadcasting station WISN, a member of the Columbia Chain.
3. Owns and operates amateur station W9SO, a station of the American Radio Relay League.



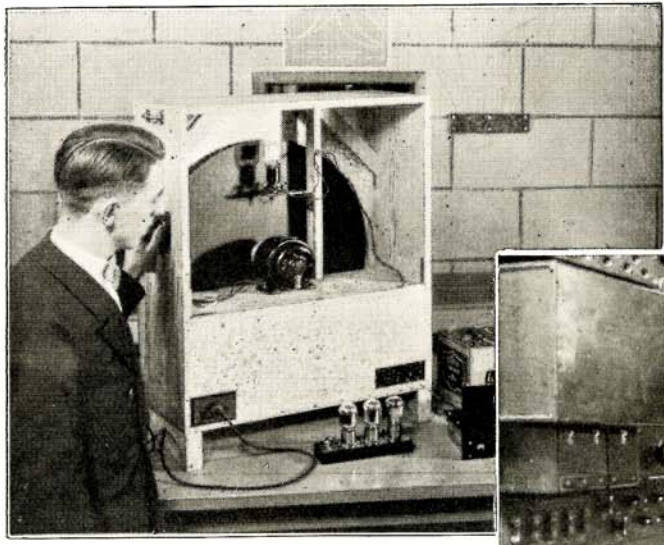
Every detail of a Radio set must be thoroughly checked. In these groups we see students analyzing reception sets by means of two commercial analyzers.



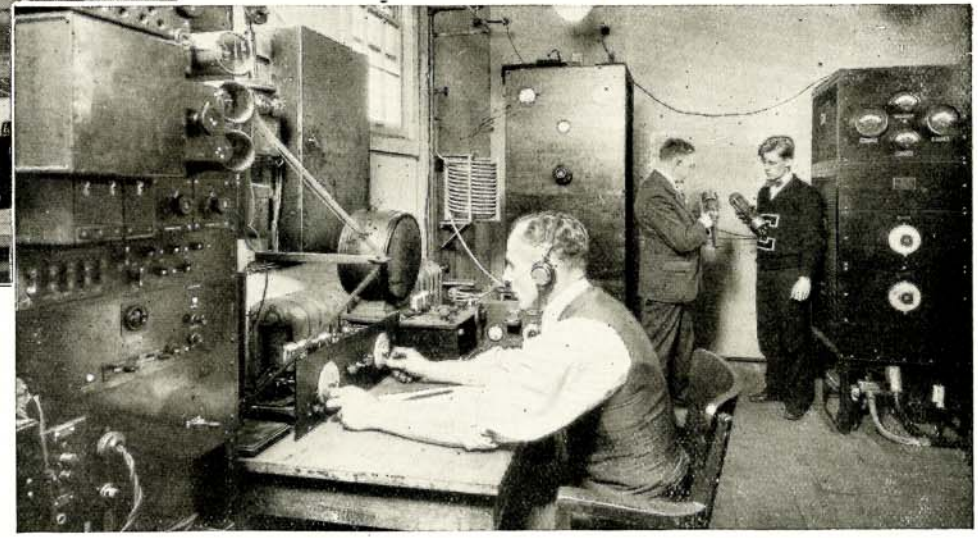
Checking the voice coil of a dynamic speaker and (lower right) circuit tracing of a receiver set.

In the Radio Laboratory.

The work in this laboratory includes experiments in the fundamental principles of Radio, set building, trouble finding, commercial servicing, and research.



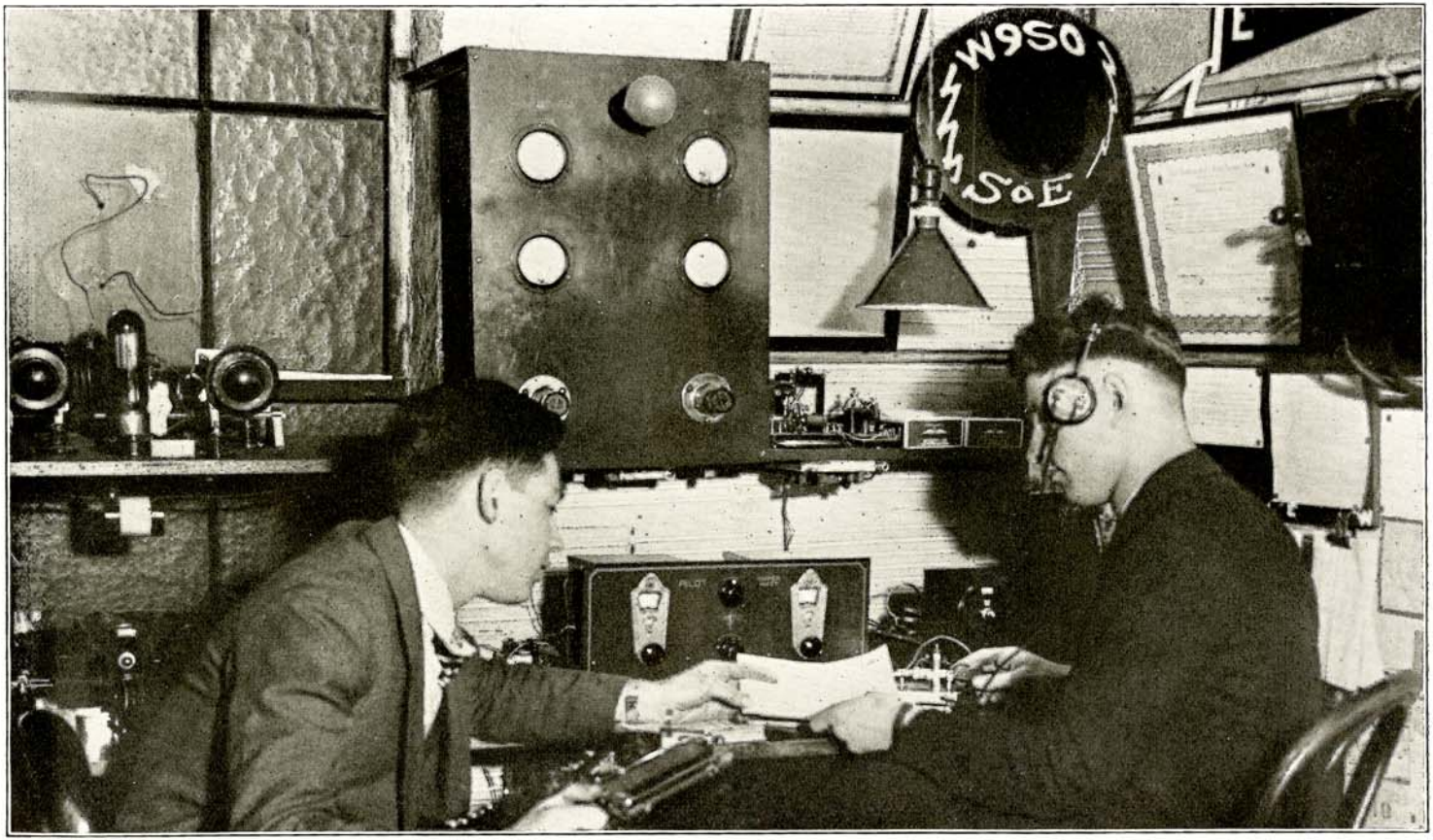
Experimenting with Television. Radio Was Predicted, Radio Came; Television Is On the Way.



Many Students of the School of Engineering Have Been Employed as Operators of Station WISN.

Broadcasting Over Station WISN.

On many occasions in the past, faculty members and students of the School of Engineering have broadcast over Station WISN.



Short wave station W9SO was designed, built, and is being operated by students who are members of the Radio Club. Any student of the School of Engineering is eligible to join the Radio Club.